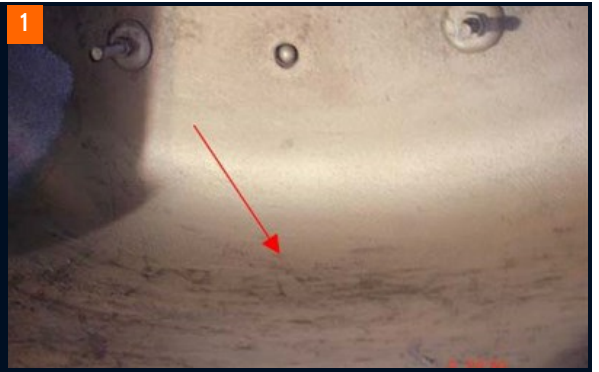


BELZONA APPLIES ANTI-ABRASIVE LINING ON MILL'S TRUNNION

ID: 4891



PROBLEM

Ore, (100% solid), in contact with the trunnion, combined with humidity and room temperature, generates corrosion and abrasion. The application of a product was necessary in order to protect the worn surface against corrosion and abrasion at the operating equipment temperature of 50°C.

APPLICATION SITUATION

Mill's trunnion

APPLICATION METHOD

This application was carried out based on Belzona Know-How System Leaflet SHM-13. Surface was prepared by grit blast (Sinter Ball) to achieve the appropriate roughness and cleanliness standards. After the surface preparation, Belzona 1311 was applied on the areas with pores in order to level the surface. After that, Belzona 1812 was applied as a final coating.

BELZONA FACTS

Belzona 1812 successfully offered protection to surfaces subjected to abrasive attack.

INDUSTRY

Mining & Quarrying

LOCATION

Mine, ES, Brazil

APPLICATION DATE

November 2005

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1812 (Ceramic Carbide FP)

SUBSTRATE

Cast Iron

PHOTOS

1. Trunnion after blasting
2. Application in progress
3. Finished work. Equipment coated with Belzona 1311 and Belzona 1812

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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